

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-11. (canceled)

12. (new) A chamber for the crystallization of a solid catalyst carrier, including an acoustic generator disposed within the chamber and having a horn which points inwardly of the chamber, the horn generating acoustic sound with an intensity of at least 100 dB for loosening the carrier from the walls of the chamber.

13. (new) A chamber as claimed in claim 12, wherein the said horn is pointed downwardly in the chamber.

14. (new) A method for the preparation of solid crystallized catalyst carrier, comprising forming crystallized carrier inside of a chamber, and generating with an acoustic generator disposed within the chamber a sound having an intensity of at least 100 dB for loosening the carrier from the walls of the chamber.

15. (new) A method as claimed in claim 14, in which the sound has a frequency of 20 to 5000 Hz.

16. (new) The method as claimed in claim 14, wherein the sound has a frequency of 100 to 1000 Hz.

17. (new) A method as claimed in claim 14, wherein the sound has a frequency of 400 to 600 Hz.

18. (new) A method as claimed in claim 14, wherein the duration of the sound is 1 to 10 seconds.

19. (new) A method as claimed in claim 14, wherein the duration of the sound is 3 to 7 seconds.

20. (new) A method as claimed in claim 14, wherein the sound is generated periodically at intervals of 0.2 to 2 minutes

21. (new) A method as claimed in claim 14, wherein the sound is generated periodically at intervals of 0.3 to 0.7 minutes.

22. (new) A method as claimed in claim 14, wherein the acoustic generator directs the sound inwardly of the chamber.